

- 15. Place the ceiling cover over the downrod. Then reinstall the hanger ball (Figure 13) on the downrod as follows. Route the three 80" motor leads through the hanger ball and slide the hanger ball over the downrod. Position the pin through the two holes in the downrod and align the hanger ball so the pin is captured in the groove in the top of the hanger ball. Pull the hanger ball up tight against the pin and securely tighten the setscrew in the hanger ball. A loose setscrew could create fan wobble.

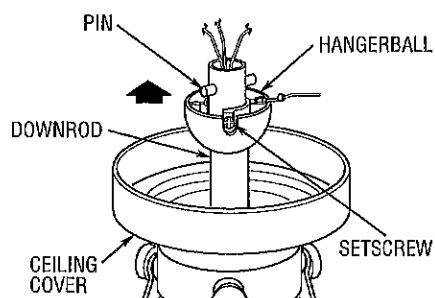


Figure 13

- 16. The fan comes with blue, black and white leads that are 80" long. Before installing the fan, measure up approximately 6 to 9-inches above top of hanger ball/downrod assembly. Cut off excess leads and strip back insulation 1/2" from end of leads.
- 17. You have now completed the initial assembly of your new ceiling fan. You can now proceed with hanging and wiring your fan.

How to Hang Your Ceiling Fan

⚠ WARNING

The fan must be hung with at least 7' of clearance from floor to blades (Figure 14).

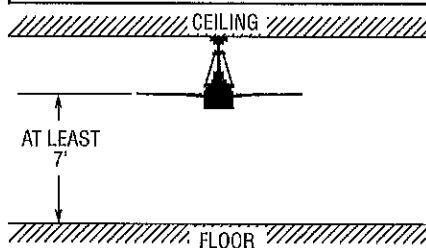


Figure 14

⚠ WARNING

The outlet box and joist must be securely mounted and capable of supporting at least 50 lbs. Use only a U.L. outlet box listed as "Acceptable for Fan Support".

⚠ WARNING

To reduce the risk of fire, electric shock, or personal injury, mount fan to outlet box marked "Acceptable for Fan Support", and use screws supplied with outlet box. Most outlet boxes commonly used for support of light fixtures are not acceptable for fan support and may need to be replaced. Consult a qualified electrician if in doubt.

- 1. Securely attach the hanger bracket to the outlet box using the two screws supplied with the outlet box (Figure 15).

⚠ WARNING

Hanger bracket must seat firmly against outlet box. If the outlet box is recessed, remove wall board until bracket contacts box. If bracket and/or outlet box are not securely attached, the fan could wobble or fall.

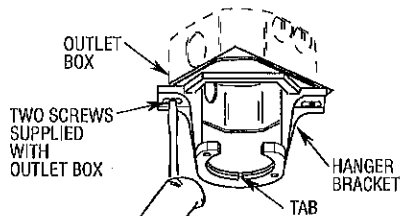


Figure 15

- 2. Carefully lift the fan and seat the hanger ball/downrod assembly on the hanger bracket that was just attached to the outlet box (Figure 16). Be sure the groove in the ball is lined up with the tab on the hanger bracket (Figure 15).

⚠ WARNING

Failure to seat tab in groove could cause damage to electrical wires and possible shock or fire hazard.

NOTE: CEILING COVER, SUPPLY WIRES AND FAN WIRES OMITTED FOR CLARITY.

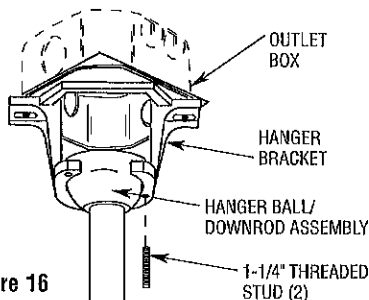


Figure 16

⚠ WARNING

To avoid possible fire or shock, do not pinch wires between the hanger ball/downrod assembly and hanger bracket.

How to Wire Your Ceiling Fan

If you feel that you do not have enough electrical wiring knowledge or experience, have your fan installed by a licensed electrician.

⚠ WARNING

Turning off wall switch is not sufficient. To avoid possible electrical shock, be sure electricity is turned off at the main fuse box before wiring. All wiring must be in accordance with National and Local codes and the ceiling fan must be properly grounded as a precaution against possible electrical shock.

CAUTION: To reduce the risk of electrical shock, disconnect the electrical supply circuit before installing the fan, light kit or receiver.

- 1. Position the supply wires to the left side of the outlet box (Figure 17); position the fan wires to the right side. Partially insert the remote control receiver (flat side up) until one end rests on the hanger ball as shown in Figure 17.

NOTE: Make all wiring connections using wire connectors (supplied). Make sure that all connections are tight, including ground, and that no bare wire is visible at the wire connectors, except for the ground wire.

- 2. Refer to Figure 17 and 18 and connect the receiver wires to the supply wires and the fan motor wires as follows:
- Securely connect the green grounding wires from the hanger ball and the hanger bracket to the supply grounding conductor (this may be a bare wire or a wire with green insulation).
 - Securely connect the supply white (neutral) wire to the receiver white (AC IN N) wire.
 - Securely connect the supply black wire (hot) wire to the receiver black (AC IN L) wire.

- d. Securely connect the fan motor white wire to the receiver white (TO MOTOR N) wire.
- e. Securely connect the fan motor black wire to the receiver red (TO MOTOR L) wire.
- f. Securely connect the fan motor blue wire to the receiver blue (FOR LIGHT) wire.

⚠ WARNING

Check to see that all connections are tight, including ground, and that no bare wire is visible at the wire connectors, except for the ground wire. Do not operate fan until blades are in place. Noise and fan damage could result.

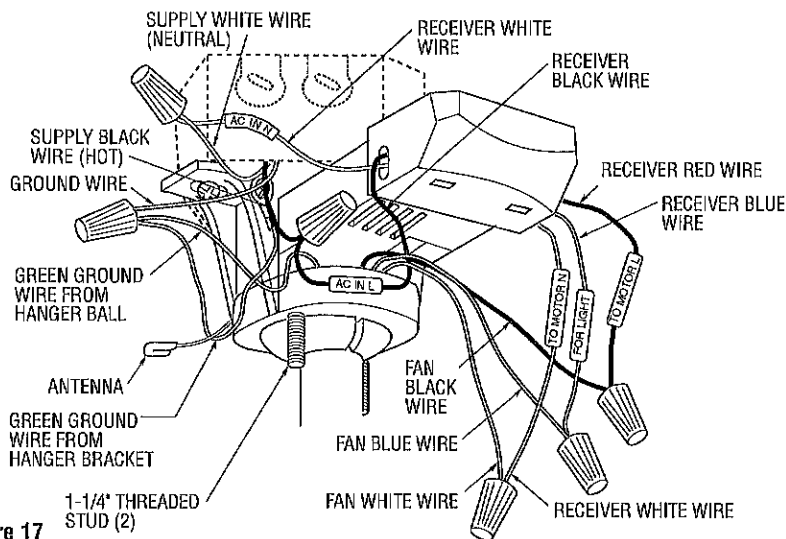


Figure 17

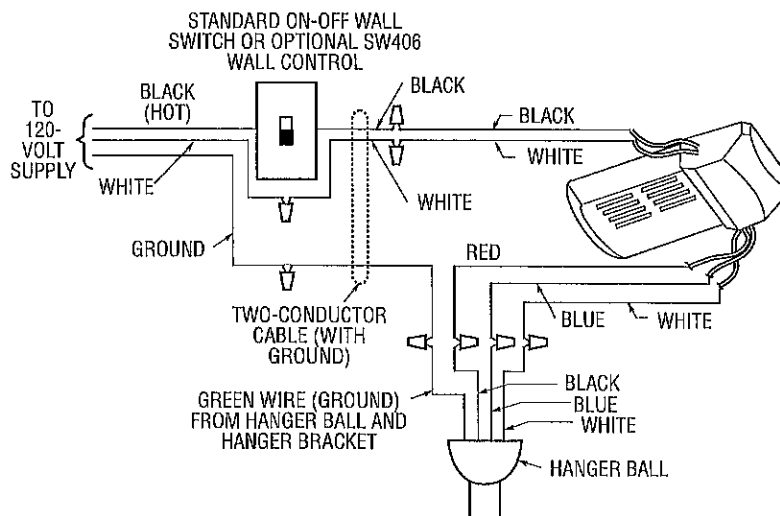


Figure 18

- ☐ 3. Push the wires and connectors up into the outlet box while inserting the receiver fully into the hanger bracket. Position the antenna wire on top of the receiver.
- ☐ 4. Screw the two 1-1/4" threaded studs (supplied) into the tapped holes in the hanger bracket (Figure 19).
- ☐ 5. Lift the ceiling cover up to the threaded studs and turn until the studs protrude through the holes in the ceiling cover (Figure 19).
- ☐ 6. Secure the ceiling cover in place by sliding lockwashers (supplied) over the threaded studs and installing the two knurled knobs (supplied). (Figure 19). Tighten the knurled knobs securely until the ceiling cover fits snugly against the ceiling.

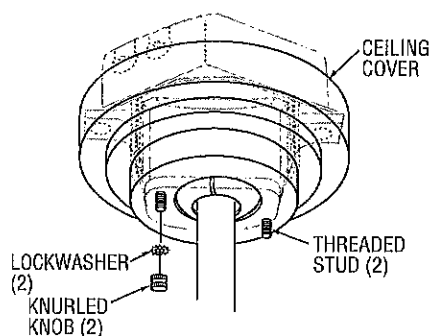


Figure 19

⚠ WARNING

To avoid possible fire or shock, make sure that the electrical wires are completely inside the outlet box and not pinched between the ceiling cover and the ceiling.

- ☐ 7. Screw the two 50-watt mini-candelabra base halogen bulbs (supplied) into the light kit plate sockets (Figure 20). Do not touch the glass bulb; use the porcelain base to screw in the bulb, or wear soft gloves.

CAUTION: To avoid risks of burns or other injury, assure power is off before attempting to install or replace the halogen bulbs.

NOTICE: Do not touch halogen bulbs with bare hands. Fingerprints may result in shorter bulb life. Remove fingerprints with alcohol.

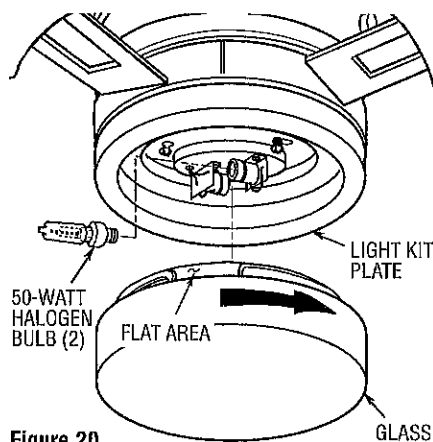


Figure 20

- ☐ 8. Place the lower glass into the light fitter, aligning the three flat areas on the top flange of the lower glass with the three pins on the inside of the fitter (Figure 20). Then turn the lower glass clockwise until it stops turning.
- ☐ 9. Your ceiling fan is now installed and wired to be controlled by your wall control.

How to Disassemble Your Light Kit for Cover Plate Assembly Only

WARNING

Turning off wall switch is not sufficient. To avoid possible electrical shock, be sure electricity is turned off at the main fuse box before wiring. All wiring must be in accordance with National and Local codes and the ceiling fan must be properly grounded as a precaution against possible electrical shock.

CAUTION: To reduce the risk of electrical shock, disconnect the electrical supply circuit before installing the fan, light kit or receiver.

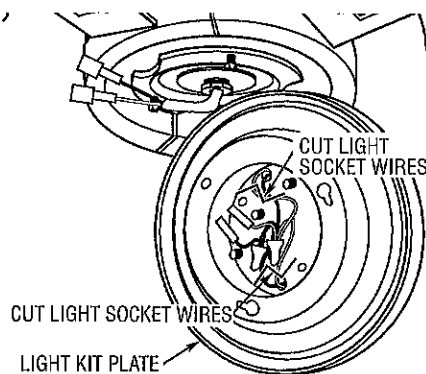


Figure 22

- 1. Detach the light kit plate from the fan motor/housing assembly by removing one screw and loosening the two other screws (located in the keyholes). Rotate the light kit plate counter-clockwise to disengaging the screws in the two key hole slots (Figure 21).
- 3. Cut light socket wires using wire cutters. Unscrew the screws that is securing the socket plates to the light kit plate. Pull socket wiring through light kit plate holes to completely disengage the light sockets from light kit plate (Figure 23).

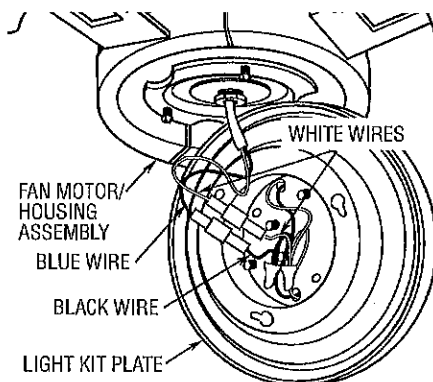


Figure 21

- 2. Disconnect the black wire of the light kit plate from the black wire of the fan motor/housing assembly. Disconnect the white wire of the light kit plate from the white wire of the fan motor/housing assembly (Figure 22).

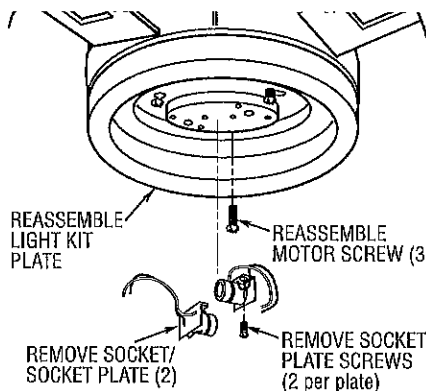


Figure 23

- 4. Carefully tuck blue and white wires from motor up into the fan motor/housing assembly (Figure 24).

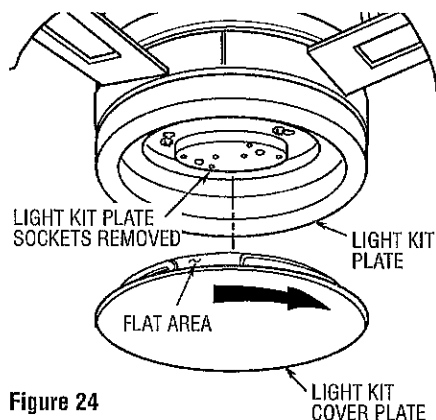


Figure 24

- 5. Place the cover plate onto the fan motor/housing aligning the three flat areas on the top flange of the cover plate with the three pins on the inside of the fan motor/housing (Figure 24). Then turn the cover plate clockwise until it stops turning.
- 6. Your cover plate is now installed.

⚠ WARNING

To avoid possible fire or shock, make sure that the electrical wires are completely tucked inside the lower assembly and not pinched by the cover plate.

Preset Memory Feature

Your Emerson receiver is equipped with a preset memory feature. If the AC supply to the receiver is powered through a wall switch, when the switch is turned OFF, the control will remember the light intensity and fan speed. When the switch is turned back ON the light and fan will resume operation as they were prior to the switch being turned OFF.

Remote Control Procedures

General

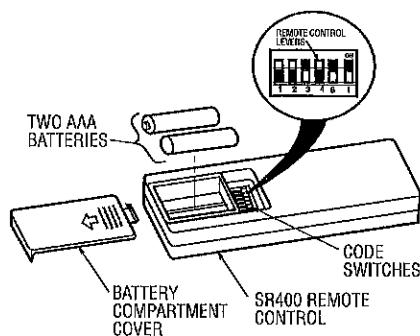
Your Emerson Ceiling Fan/Light Remote Control consists of hand-held transmitter and a receiver which is mounted under the fan ceiling cover. The remote control is designed to separately control your ceiling fan speed and light intensity. There are four push buttons (., .., ..., ...) to set the fan speed and turn the fan off. The light () push button turns the light on and off and controls the light intensity. The blue indicator light will illuminate while any button is pressed, indicating that the battery is good.

The remote control transmitter is powered by two AAA alkaline batteries (not included). To prevent possible damage if the batteries should leak, be sure to remove the batteries when the control is not to be used for an extended period of time.

Code switches in the transmitter may be set in 32 different positions. If your fan and light go on and off without using your control, you may be getting interference from other remote units such as garage door openers, car alarms or security systems. To remedy this situation, simply change the combination code in your transmitter.

Installation of Battery

- 1. Remove the battery cover by pressing firmly below the arrow and sliding the cover off the control (Figure 25).
- 2. Remove the connector from the battery compartment and install two AAA alkaline batteries.



13 Figure 25

Setting Operating Frequency of Transmitter

Your remote control transmitter has code switches which must be set in one of 32 possible code combinations. The five levers (numbered 1, 2, 3, 4, and 5) on the switches are factory-set in the ON (up) position. Do not use this setting. Change the switch settings as follows:

- ❑ 1. Slide the five switch levers in the remote control (transmitter) to your choice of ON (up) or down positions. Use a ball-point pen or small screwdriver and slide the levers firmly up or down.
- ❑ 2. When power is restored after installation of the wall control, push and hold the fan OFF button (⏻) for 3 to 5 seconds to set the code in the receiver.
- ❑ 3. The sixth switch marked ON and I is for dimming control of lights: Set switch to ON to allow for dimming of the lights. Set switch to I for no dimming of the lights such as for fluorescent bulbs.
- ❑ 4. Install the batteries in the transmitter battery compartment and replace the battery cover.

Installation of Storage Bracket

A storage bracket is provided for holding your remote control when not in use (Figure 26). If you desire to use the bracket, install it on a wall that is away from excess heat or humidity.

Operation of Remote Control

IMPORTANT

Fan installation must be completed, including the installation of the fan blades, before testing of the remote control.

Your remote control has full control of your fan and light (Figure 26).

NOTE: Prior to operation of the fan and light from the remote control, set the fan speed to HIGH (....) and turn the light ON (⏻).

- ❑ 1. To set the desired fan speed, hold the FAN (⏻) button down, then press one of the four buttons (., .., ..., ...) to operate your fan from low to high speeds.
- ❑ 2. To turn the light on and off, press the LIGHT (⏻) button down, then press one of the four buttons (., .., ..., ...) to operate your light intensity from low to high intensities.

Note: When turning the light on, light will turn on at the light intensity previously selected.

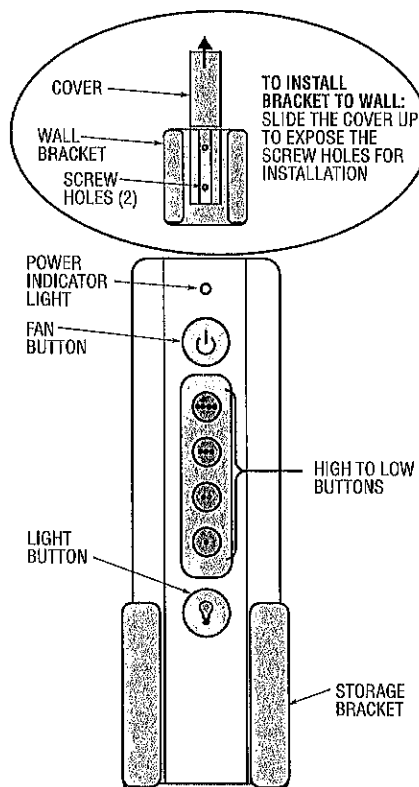


Figure 26

- 3. If airflow is desired in the opposite direction, turn the fan off and wait for the blades to stop turning. Then slide the coupling cover up, push the reversing switch in opposite direction (Figure 27) Slide coupling cover down to rest on motor housing and turn the fan on again. The blades will turn in the opposite direction and reverse the airflow.

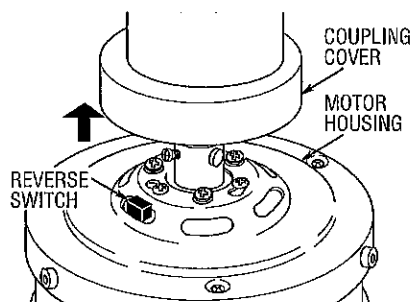


Figure 27

Trouble Shooting Remote Control

Fan/Light Fails to Operate

- Check that the speed switch on the fan is set to HIGH (....) speed.
- Check that the light switch is on.
- Check that the battery is good (blue indicator light should light when any button is pressed).
- Check that the receiver is wired properly.
- Check that code switches in the remote control and receiver are set in the same position.

Short Range

- If the remote control operates the fan when close to it, but does not operate it at a distance of 40 feet, try placing the antenna wire outside of the ceiling cover.

Maintenance

IMPORTANT CARE INSTRUCTIONS for your Ceiling Fan

Periodic cleaning of your new ceiling fan is the only maintenance that is needed.

When cleaning, use only a soft brush or lint free cloth to avoid scratching the finish.

Abrasive cleaning agents are not required and should be avoided to prevent damage to finish.

⚠ WARNING

Do not use water when cleaning your ceiling fan. It could damage the motor or the blades and create the possibility of an electrical shock.

Accessories

- 1. Downrod Extension Kits (see store or catalog).
- 2. Ceiling Fan Controls (see store or catalog).

⚠ WARNING

The use of any other control not specifically approved for this fan could result in fire, shock and personal injury.

⚠ WARNING

This product is designed to use only those parts supplied with this product and/or any accessories designated specifically for use with this product by Emerson Electric Co. Substitution of parts or accessories not designated for use with this product by Emerson Electric Co. could result in personal injury or property damage.

INSTRUCTION TO THE USER
(If device contains a digital device)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment has been certified to comply with the limits for a Class B computing device, pursuant to FCC Rules. In order to maintain compliance with FCC regulations, shielded cables must be used with this equipment. Operation with non-approved equipment or unshielded cables is likely to result in interference to radio and TV reception. The user is cautioned that changes and modifications made to the equipment without the approval of manufacturer could void the user's authority to operate this equipment.

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.